Wireless Altoids Tin Mouse (aka Minty Mouse)

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TOOLS:

- Hot Glue gun & hot glue (1)
- Needle Nose Pliers (1)
- pocketknife (1)

PARTS:

- logitech m185 wireless mouse (1)
- altoids tin (1)
- small plastic scraps (1)
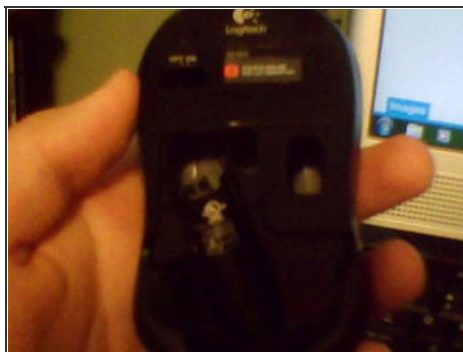- optional: electrical tape (1)

SUMMARY

Make a Minty Mouse using a Logitech m185 mouse ($16 at your local superstore). You can line the tin with electrical tape to be safe.

Step 1 — Wireless Altoids Tin Mouse (aka Minty Mouse)

- First off, eat all the mints.

- Then get a Logitech m185 mouse.

Step 2

- Take the battery cover off of the mouse.

- Get a Phillips screwdriver and unscrew the screw under the battery. This is the only screw.

- Turn it over and slide the light grey part slightly up and back, till it comes off.

Step 3

- I have already taken the board out but I'll show you how.

- By the battery compartment there's a tab by the white rectangle on the board.

- Push it with a small metal object.

- Then gently lift the battery connectors out of their slots. Now the board is able to be taken out.

Step 4

- Cut a hole on the bottom of the Altoids tin about from the end of the L to the end of the I. This is for the sensor. Use pliers to bend the sharp edges flat against the inside of the tin.

- Cut another hole about 3/4" away from the left side. This is for the on/off switch.

- Flip it over, and on the "A" end cut 3 tabs, bending the edges so that each can freely move.

- Glue scraps of plastic so the tabs reach the 3 buttons. The 3rd one (in the middle) needs to be thicker or boosted with a glob of hot glue. I used old keyboard keys.

- Tip: To make the glue dry fast, put it in the freezer for 1 minute and it'll be rock-hard.

Step 5

- Now take the board and align it with the holes and hot-glue it:
  - in the sides of the board's cutout,
  - beside the battery spot,
  - next to the silver oval,
  - and a lot near the cord for the sensor.
- Now, glue the battery down and the contacts to the battery ONLY ON THE TOP OF THE POSITIVE CONTACT. If you glue the negative contact (spring) it will not connect.
- TEST!
- Decorate :^)

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